



*Placer County*

**AIR POLLUTION CONTROL DISTRICT**

**Proposed  
TITLE V OPERATING PERMIT**

**Permit Number: GM-001**

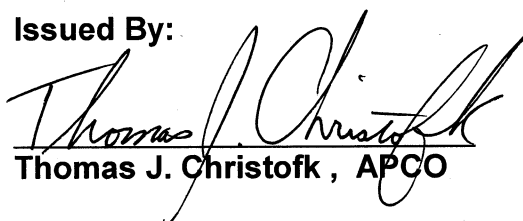
**Issued To:**

PABCO Building Products, LLC  
37849 Cherry Street  
Newark, CA 95560-4848

**Plant Site Location :**

Gladding McBean  
601 7<sup>th</sup> Street  
Lincoln, CA 95648

**Issued By:**

  
Thomas J. Christofk , APCO

7-9-07  
Date

**Effective Date:** July 9, 2007

**Expiration Date:** July 9, 2012

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**Nature of Business:** Ceramic/Clay Products

**SIC Code:** 3251

**Responsible Official:**

General Manager  
Bill Padavona  
Phone: (916) 645-3341

**Facility Contact:**

Plant Manager  
Jerry Stacy  
Phone: (916) 645-3341

**Gladding McBean**  
**Proposed Title V Operating Permit**  
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## 1. Facility Description and Equipment Lists

### 1.A. Description

PABCO Building Products, LLC, doing business as Gladding McBean produces fired clay products such as roof and floor tiles, architectural garden pottery, architectural terra cotta, and vitrified clay sewer pipe.

### 1.B. Equipment Listing

#### 1.B.1. Combustion Sources

Permit	Source	Capacity
GLAD-77-01	Beehive Kiln	14 Total, Consisting of: 11 Kilns with 12 Burners @ 1.5 MMBtu/hour ea. 2 Kilns with 10 Burners @ 1.5 MMBtu /hour 1 Kiln with 16 Burners @ 1.0 MMBtu/hour each, 6 Stacks with 1 Burner each @ 1.5 MMBtu/hour TOTAL RATINGS - 253,000 MBTU
GLAD-77-02	Lincoln Kiln	24 Burners @ 0.36 9,040. MMBtu/hour each. 4 Burners @ 0.1 MMBtu/hour each. TOTAL RATINGS - 9,040 MBTU
GLAD-77-03	Placer Kiln	26 Burners @ 0.515 MMBtu/hour each 20 Burners @ 0.54 MMBtu/hour each 8 Burners @ 0.33 MMBtu/hour each TOTAL RATINGS - 26,830 MBTU
GLAD-82-01	Shuttle Kiln #1	20 Burners @ 1.0 MMBtu/hour each 1 Burner @ 1.5 MMBtu/hour. TOTAL RATINGS - 21,500 MBTU
GLAD-82-02	Terra Cotta Dryers	Terra Cotta Dryers (3), 3 Heaters @ 1.6 MMBtu/hour each. TOTAL RATINGS - 4,800 MBTU
GLAD-82-03	East West Dryers	(2) Dimensions - 28 ft. x 120 ft 2 Heaters @ 6.0 MMBtu/hour each TOTAL RATINGS - 12,000 MBTU
GLAD-82-04	#1, #2, and #3 Pipe Dryers (3)	Dimensions - 38 ft. x 90 ft 3 Heaters @ 6 MMBtu/hour each. TOTAL RATINGS - 18,000 MBTU
GLAD-84-01	Small Speed Seal Joint Application	1 Preheat Heater @ 4.8 MMBtu/hour 1 Cure Heater @ 1.32 MMBtu/hour 4 Preheat Radiant Heaters @ 0.1 MMBtu/hour each 1 Brick Heater @ 1.5 MMBtu/hour. TOTAL RATINGS - 8,000 MBTU
GLAD-84-02	Large Pipe Seal Joint Application	1 Heater @ 1.875 MMBtu/hour 1 Make-Up Preheat Heater @ 0.3 MMBtu/hour 1 Cure Heater @ 0.881 MMBtu/hour 2 Radiant Cure Heaters @ 0.1 MMBtu/hour. TOTAL RATINGS - 3,256 MBTU.
GLAD-86-01	Shuttle Kiln #2	16 Burners @ 0.54 MMBtu/hour each TOTAL RATINGS - 8,640 MBTU

GLAD-91-01	Glaze Spray Line Area	1 Warm Air Burner @ 0.6 25 MMBtu/hour, TOTAL RATINGS - 625 MBTU
GLAD-02-01	Generator	Emergency Diesel Generator Set, Engine Mfr: Caterpillar, Model 3412, Serial Number CA81Z044202W0345, 678 hp, 504 KW
GLAD-02-02	Mendel Pottery Kiln	190 cubic feet Capacity; 2 burner beds with 68 burners each at 5.1MMbtu/hour. Only one burner bed can operate at a time; therefore, maximum heat rating of kiln is 5.1 MMBtu/hour. TOTAL RATINGS - 5,100 MBTU
GLAD-03-02	Main Factory Dryers	Building 1A Heater @ 6.0 MMBtu/hour 1 Brick Heater @ 1.5 MMBtu/hour 1 North Dryer Heater @ 0.8 MMBtu/hour 4 Heaters @ 0.881 MMBtu/hour each 2 Heaters @ 2.8 MMBtu/hour. TOTAL RATINGS - 17,424 MBTU
GLAD-03-03	Placer Dryer	50' x 100' ; 3 Heaters @ 4.0 MMBtu/hour each TOTAL RATINGS - 12,000 MBTU.
GLAD-03-04	Roof Tile Tunnel Dryer	4 Chambers, 8' w x 7.5' h x 116' l, 1 @ 4.5 MMBtu/hour. TOTAL RATINGS - 4,500 MBTU
GLAD-04-02	4" Sewer Pipe Dryer	4 Burners @ 2.0 MMBtu/hour TOTAL RATINGS - 8,000 MBTU
GLAD-04-03	Hand Mold Dryer	1 Heater @ 2.0 MMBtu/hour MBTU 4 Heaters @ 0.3 MMBtu/hour each. TOTAL RATINGS - 3,200 MBTU
GLAD-04-04	Carrier Dryer	2 Heaters @ 2.0 MMBtu/hour each TOTAL RATINGS - 4,000 MBTU

#### 1.B.2. General Emissions Unit(s)

Permit	Source	Controls
GLAD-77-06	Large Pipe Grinder	BH-7
GLAD-77-07	Grog Crusher	Water Spray/Wand
GLAD-77-08	Ceramic Grinder - Finisher	BH-5, BH-6
GLAD-77-09	Raw Material Operations	BH-1, BH-2, BH-3, BH-4, FS-1
GLAD-77-09	Facility VOC	N/A
GLAD-03-01	Wet Glaze Spray Booth	N/A
VRS-91-07	Gas Dispensing	Two Point Balance System and Phase II Equipment G-70-52 Series

### 1.B.3. Control Equipment

Permit	Device	Source
GLAD-91-01	Wet Scrubber	Terra Cotta glaze spray line
GLAD-77-09	Baghouse 1 (BH-1)	Raw Materials Operations
GLAD-77-09	Baghouse 2 (BH-2)	Raw Materials Operations
GLAD-77-09	Baghouse 3 (BH-3)	Raw Materials Operations
GLAD-77-09	Baghouse 4 (BH-4)	Raw Materials Operations
GLAD-77-08	Baghouse 5 (BH-5)	Ceramic Grinder - Finisher
GLAD-77-08	Baghouse 6 (BH-6)	Ceramic Grinder - Finisher
GLAD-77-06	Baghouse 7 (BH-7)	Large Pipe Grinder
GLAD-77-09	Fog System	Raw Materials Operations
VRS-91-07	Phase I Two Point Balance System	Gas Dispensing
VRS-91-07	Phase II Equipment G-70-52 Series	Gas Dispensing

**1.B.4. Exempt Equipment**

Source ID	Description	Basis
EX-1	Carpenter Shop	507-App-1: B.2.a
EX-2	Mobile Equipment Repair Shop	507-App-1: B.2.a
EX-3	Die shop	507-App-1: B.2.a
EX-4	Machine Shop	507-App-1: B.2.a; B.17
EX-5	Lab Kiln Area	507-App-1: B.2.a; B.23
EX-6	Exhaust Fan for Lab Screen and Grinder	507-App-1: B.23
EX-7	Small Pipe Test Dryer	507-App-1: B.2.a
EX-8	Fitting Shed (Cut&Fit) Four room heaters	507-App-1: B.2.a
EX-9	Epoxy Branch Sticking Three room heaters	507-App-1: B.2.a
EX-10	Portable Shrink Wrap (Cut&Fit)	507-App-1: B.2.a
EX-11	Foam Packaging Operation (Cut&Fit)	507-App-1: A
EX-12	Glaze Development Lab	507-App-1: B.23
EX-13	Numerous Extruders PE1 ... PE12 There are no direct AQ emissions from the extruders.	507-App-1: A
EX-14	Numerous Large Vacuum Pumps for Extruders	507-App-1: A
EX-15	Landfill Ground water Remediation System	507-App-1: A
EX-16	Process Water Reclamation	507-App-1: A
EX-17	Propane Lift Trucks; Diesel Powered Loaders and Trucks	Advised by Placer County that mobile sources did not need to be included.
EX-18	Portable Propane Space Heaters	507-App-1: B.2.a
EX-19	Portable Air Compressor	507-App-1: B.2.b
EX-20	Portable Water Pump	507-App-1: B.2.b

EX-21	Portable Propane Space Heaters	507-App-1: B.2.d
EX-22	Pipe Test Certification Stamping	507-App-1: B.4.a
EX-23	Layout Fluid Used for Machining Layout	507-App-1: B.4.a
EX-24	Portable Gasoline Cans at Maintenance Shop	507-App-1: B.7.b
EX-25	Diesel Storage Tank and Pumping Station	507-App-1: B.7.c
EX-26	SC-70 Liquid Asphalt Storage Tank	507-App-1: B.7.d
EX-27	Storage Containers of Utility Oil LVI ISO 22	507-App-1: B.8.b
EX-28	Propane Filling Station	507-App-1: B.10
EX-29	Miscellaneous Surface Painting	507-App-1: B.14.a
EX-30	Electrical Contact Cleaner	507-App-1: B.15
EX-31	Maintenance Brazing, Soldering, Welding, and Cutting Torch Activities	507-App-1: B.17
EX-32	Numerous Refrigerators Plant-wide	507-App-1: B.24
EX-33	Exhaust Fan, W J Machine	507-App-1: B.23
EX-34	Exhaust Fan, No. 2 Pipe Press	507-App-1: B.23

### 1.B.5. Insignificant Activities and Sources

#### 1.B.5.a. Insignificant Sources

Description	Control
Space Heaters	N/A
Misc. Welding Equipment	N/A
Propane Tank(s)	N/A
Hydraulic Oil Reservoir	N/A
Lubricants and Associated Equipment	N/A

#### 1.B.5.b. Insignificant Activities

The following types of activities are exempted from the Title V permit requirements based on EPA's guidelines of Trivial Activities.

1. Plant maintenance and upkeep activities, such as painting.
2. The repair and maintenance shop activities not related to the source's primary business activities.
3. Combustion emissions from propulsion of mobile sources.
4. Portable generator, portable steam cleaner, and water heaters/steam cleaners.
5. Unheated cleaning equipment and office janitorial activities and equipment and consumer use of janitorial products and consumer use of office equipment and products.



## 2. Specific Conditions

### 2.A. Emission Limits

#### 2.A.1.a. Facility Wide Emissions Limit

Emissions from the entire facility shall not exceed the following rates:

Pollutant	Lbs/Quarter	Tons/Year
Carbon Monoxide (CO):	68,525	136
Nitrogen Oxides (NOx):	11,416	21.6
PM-10:	61,599	123
Volatile Organic Compounds (VOCs):	10,361	20.5
Sulfur Oxides (SOx)	12,071	24.1

Origin: GLAD-02-02 Condition 10

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### 2.A.2. Lincoln Kiln

The emissions from all kilns combined shall not exceed the following rates:

Pollutant	Lbs/Quarter	Tons/Year
Carbon Monoxide (CO):	57897	115.8
Nitrogen Oxides (NOx):	6380	12.8
PM-10:	13829	27.7
Volatile Organic Compounds (VOCs):	683	1.4
Sulfur Oxides (SOx)	11953	24

Origin: GLAD-77-02 Condition 9

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### 2.A.3. Large Pipe Grinder

The emissions from the grinder shall not exceed the following rates:

Pollutant	Lbs/Quarter	Tons/Year
PM-10	1192	2.4

Origin: GLAD-77-06 Condition 10

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### 2.A.4. Small Speed Seal Joint Application

The emissions of VOCs from chemical usage shall not exceed

Pollutant	Lbs/Quarter	Tons/Year
VOC	4,869	9.7

Origin: GLAD-84-01 Condition 6

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### 2.A.5. Large Pipe Seal Joint Application

The emissions of VOCs from chemical usage shall not exceed

Pollutant	Lbs/Quarter	Tons/Year
VOC	1,881	3.8

Origin: GLAD-84-02 Condition 6

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### 2.A.6. Generator

a. The emissions from the engine shall not exceed the following rates:

Pollutant	Lbs/day
Carbon Monoxide (CO):	80
Nitrogen Oxides (NOx):	248
PM-10:	12.6
Volatile Organic Compounds (VOCs):	12
Sulfur Oxides (SOx)	66

Origin: GLAD-02-01 Condition 5.E

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

b. The particulate emission concentration of the engine exhaust shall not exceed 0.1 grains per dry standard cubic foot of gas, at 60 degrees F., per Rule 210, "Specific Contaminants".

Origin: GLAD-02-01 Condition 5.C

Authority: Rule 210, Specific Contaminants [amended 10-19-93]

c. The emission of sulfur compounds, calculated as sulfur dioxide (SO<sub>2</sub>) shall not exceed 0.2 percent by volume per Rule 210, "Specific Contaminants".

Origin: GLAD-02-01 Condition 5.D

Authority: Rule 210, Specific Contaminants [amended 10-19-93]

### 2.A.7. Main Factory Dryer

The emissions from all dryers combined shall not exceed the following rates:

Pollutant	Lbs/Quarter	Tons/Year
Carbon Monoxide (CO):	8821	17.7
Nitrogen Oxides (NOx):	2789	5.6
PM-10:	3130	6.3
Volatile Organic Compounds (VOCs):	854	1.8
Sulfur Oxides (SOx)	63	0.2

Origin: GLAD-03-02 Condition 9

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### 2.B Process limits

#### 2.B.1. Raw Material Operations

The combined throughput through the crushers and mills shall not exceed 48,705 tons/quarter.

Origin: GLAD-77-09 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### 2.B.2. Generator

Operation for maintenance and testing of the emergency diesel engine and generator shall be limited to 30 hours per year.

Origin: GLAD-02-01 Condition 2

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### 2.B.3. Wet Glaze Spray Booth

The use of glaze in the booth shall not exceed 27 tons/quarter.

Origin: GLAD-03-01 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### 2.B.4. Main Factory Dryer

The throughput of all dryers combined shall not exceed 28,455 tons/quarter of fired ware.

Origin: GLAD-03-02 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### 2.B.5. 4" Sewer Pipe Dryer

The throughput of all dryers combined shall not exceed 28,455 tons/quarter of fired ware.

Throughput of the 4-Inch Pipe Dryer may be transferred to the Placer Dryer to keep it dry until firing. This throughput should not be counted again in the Placer Dryer.

Origin: GLAD-04-02 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### **2.B.6. Hand Mold Dryer**

The throughput of all dryers combined shall not exceed 28,455 tons/quarter of fired ware.

Hand Mold Dryer throughput is only partially dried in this dryer and then completed in the Terra Cotta Dryers. Hand Mold Dryer throughput should not be counted again in the Terra Cotta Dryers.

Origin: GLAD-04-03 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### **2.B.7. Gas Dispensing**

This permit authorizes the facility to dispense up to 4,400,000 gallons of gasoline from equipment with Phase I and II vapor recovery systems in any twelve month period, without additional record keeping requirements, pursuant to Rule 511, Potential to Emit. The Owner/Operator shall apply for a permit amendment in an exceedance of this limitation is anticipated.

Origin: VRS-91-07 Condition 5

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### **2.B.8. Kilns**

The throughput of all kilns combined shall not exceed 28,455 tons/quarter of fired ware.

Origin: GLAD-77-02 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### **2.C. Operating Conditions**

#### **2.C.1. Large Pipe Grinder**

Grinding shall only be performed when the metal capture hood is in place, and the baghouse is operating.

Origin: GLAD-77-06 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### **2.C.2. Large Pipe Grinder**

Pressure gauge(s) indicating the differential pressure between baghouse bag inlet and outlet plenums shall be installed and shall be operable at all times the baghouse or baghouse serviced equipment are in operation. Such gauges shall provide indication in inches of water, and shall be readily accessible for inspection.

Origin: GLAD-77-06 Condition 2

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### **2.C.3. Large Pipe Grinder**

Spare bags shall be kept available for the replacement of torn or otherwise defective bags. Replacement bags shall be made available for District inspection.

Origin: GLAD-77-06 Condition 3

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

#### **2.C.4. Grog Crusher**

Water sprays or a water wand shall be used on the Grog Crusher and associated equipment to keep visible emissions 20% opacity or lower as per District Rule 202-Visible Emissions.

Origin: GLAD-77-07 Condition 1

Authority: Rule 202 Visible Emissions

#### **2.C.5. Ceramic Grinder - Finisher**

Pressure gauge(s) indicating the differential pressure between dust collector bag inlet and outlet plenums shall be installed and shall be operable at all times the dust collector or dust collector serviced equipment are in operation. Such gauges shall provide indication in inches of water, and shall be readily accessible for inspection.

Origin: GLAD-77-08 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.6. Ceramic Grinder - Finisher**

Spare bags shall be kept available for the replacement of torn or otherwise defective bags. Replacement bags shall be made available for District inspection.

Origin: GLAD-77-08 Condition 2

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.7. Raw Material Operations**

Water mist nozzles shall be used to minimize fugitive dust emissions from the Raw Materials Building.

Origin: GLAD-77-09 Condition 2

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.8. Generator**

A non-resettable hour meter shall be installed on the engine/generator set to record the hours of operation.

Origin: GLAD-02-01 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.9. Generator**

Operation for other than maintenance purposes shall be limited to involuntary interruptions of electrical power.

Operation shall not exceed 24 hours without prior authorization by the Air Pollution Control Officer.

Origin: GLAD-02-01 Condition 3

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.10. Gas Dispensing**

The Phase I vapor recovery system shall be maintained in accordance with the California Air Resources Board (CARB) Executive Order G-70-97 and G-70-116 Series and any applicable CARB Approval letters for above ground tanks.

Origin: VRS-91-07 Condition 1

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.11. Gas Dispensing**

The Phase II vapor recovery system shall be maintained in accordance with the CARB Executive Orders G-70-52 series and any applicable CARB Approval letters and the Authority to Construct originally issued for this site.

Origin: VRS-91-07 Condition 2

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.12. Gas Dispensing**

Instructions for the proper operation of vapor recovery equipment shall be conspicuously posted.

Origin: VRS-91-07 Condition 3

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.13. Gas Dispensing**

The equipment must be properly maintained and kept in good operating condition and shall be leak free and vapor tight as per the California Code of Regulations Title 17, Section 93101.

Origin: VRS-91-07 Condition 10

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.14. Gas Dispensing**

Failure to maintain the vapor recovery equipment may result in a penalty for each "Out of Order" defect or for each 7-day deficiency not corrected in 7 days.

Origin: VRS-91-07 Condition 11

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

**2.C.15. Glaze Spray Line**

Pressure gauge(s) indicating the differential pressure between the wet scrubber inlet and outlet plenums shall be operable at all times the wet scrubber or wet scrubber serviced equipment are in operation. Such gauges shall provide indication in inches of water, and shall be readily accessible for inspection.

Origin: GLAD-91-01 Condition 2

Authority: Rule 502, New Source Review § 303 [amended 11-03-94]

### **3. Facility-Wide Conditions**

#### **3.A. Opacity Rule 202**

Stack emission opacity as dark or darker than Ringelmann No. 1 (20%opacity) for a period or periods aggregating more than three (3) minutes in any one hour is prohibited and is in violation of District Rule 202, "Visible Emissions".

Origin: GLAD-02-01 Condition 5.B

Authority: Rule 202, Visible Emissions [amended 05-20-85]

#### **3.B. Nuisance Rule 205**

##### **3.B.1. General**

No emissions are permitted, from any source, which are a nuisance per district Rule 205, Nuisance.

Origin: GLAD-02-01 Condition 5.A

Authority: Rule 205, Nuisance [amended 05-24-77]

**District Only**

##### **3.B.2. Road Dust**

All service roads and plant areas shall be maintained in a manner to minimize fugitive dust and preclude violation of Health and Safety Code Section 41700 and District Rule 205, Nuisance.

Origin: GLAD-02-01 Condition 15

Authority: Rule 205, Nuisance [amended 05-24-77]

**District Only**

#### **3.C. PM Limit Rule 207**

The particulate emissions concentration from any source shall not exceed 0.1 grains per dry standard cubic foot, per District Rule 207, Particulate Matter.

Origin: GLAD-77-01 Condition 6

Authority: Rule 207, Particulate Matter [amended 10-19-93]

**District Only**

#### **3.D. Specific Contaminant Limit Rule 210**

Gladding McBean shall not discharge into the atmosphere from any source of emissions:

1. The particulate emission concentration shall not exceed 0.1 grains per dry standard cubic foot of gas, at 60 degrees Fahrenheit, per Rule 210, "Specific Contaminants".

Origin: Rule 210, Specific Contaminants [amended 10-19-93]

Authority: Rule 210, Specific Contaminants [amended 10-19-93]

2. The emission of sulfur compounds, calculated as sulfur dioxide (SO<sub>2</sub>) shall not exceed 0.2 percent by volume per Rule 210, "Specific Contaminants".

Origin: Rule 210, Specific Contaminants [amended 10-19-93]

Authority: Rule 210, Specific Contaminants [amended 10-19-93]

### **3.E. Process PM Limit Rule 211**

Gladding McBean shall not discharge in any one hour from any single source of emissions, solid particulate matter in excess of the amount calculated using the following equations:

For Process rates less than 30 tons per hour;

$$E = 3.59 P^{0.62}$$

For Process weight > 30 tons per hour;

$$E = 17.31 P^{0.16}$$

Where:

E = Emission limit in pounds per hour

P = Process weight rate in tons per hour

Origin: Rule 211, Process Weight [amended 10-19-93]

Authority: Rule 211, Process Weight [amended 10-19-93]

### **3.F. Solvent Emissions Rule 219**

The emission of organic solvents shall be in compliance with District Rule 219, Organic Solvents.

Origin: GLAD-02-01 Condition 13

Authority: Rule 219, Solvent Emissions [amended 10-19-93]

### **3.G. Fugitive Dust Rule 228**

The fugitive dust emissions shall be in compliance with District Rule 228, Fugitive Dust.

Origin: Rule 228, Fugitive Dust [amended 04-10-03]

Authority: Rule 228, Fugitive Dust [amended 04-10-03]

**District Only**

### **3.H. Report Upsets Rule 404**

The company shall notify the District within two hours of any upset conditions, breakdown or scheduled maintenance which cause emissions in excess of limits established by District Rules and Regulations. (Rule 404)

Origin: GLAD-02-01 Condition 10

Authority: Rule 404, Upset Conditions, Breakdown, or Scheduled Maintenance § B.1 [amended 06-19-79]

**District Only**

### **3.I. Source Record Keeping and Reporting Rule 408**

Upon notification from the District, Gladding McBean shall maintain records of the nature and amounts of emissions from any source and/or any other information as may be deemed necessary by the District to determine whether such source is in compliance with applicable emission limitations or other control measures. The Air Pollution Control Officer may require that such records be certified by a professional engineer, registered in the State of California. Such studies shall be at the expense of the person causing the emissions. The information recorded shall be summarized and reported to the District, on forms or formats as furnished by the District, and shall be submitted within 45 days after the end of the reporting period. Reporting periods are January 1 - June 30 and July 1 - December 31, except that the initial report period shall commence on the date the District issues notification of the record keeping requirements.

Information reported by Gladding McBean and copies of the summarizing reports submitted to the District shall be retained by Gladding McBean for 5 years after the date on which the pertinent report is submitted

Origin: Rule 408, Source Record Keeping and Reporting [amended 05-24-77]

Authority: Rule 408, Source Record Keeping and Reporting [amended 05-24-77]



### **3.J. General District Permit Requirements Rule 501**

#### **3.J.1. ATC Required Rule 501**

a. An Authority to Construct application shall be filed with the District before the modification or replacement of any equipment for which a Permit to Operate has been granted, and before the installation and operation of any equipment for which an Authority to Construct

Origin: GLAD-02-01 Condition 19

Authority: Rule 501, General Permit Requirements § 300 [amended 11-03-94]

b. Any alteration of the subject equipment, including a change in the method of operation, shall be reported to the District. Such alterations may require an Authority to Construct Permit. (Rule 501)

Origin: GLAD-02-01 Condition 11

Authority: Rule 501, General Permit Requirements § 300 [amended 11-03-94]

#### **3.J.2. Limit Exceedance Prohibited Rule 501**

a. The exceeding any of the emission limitations established by the Rules and Regulations of the District is prohibited unless specifically allowed by a granted variance, or due to an upset, breakdown, or scheduled maintenance per District Rule 404.

Origin: GLAD-02-01 Condition 21

Authority: Rule 501, General Permit Requirements § 303 [amended 11-03-94]

b. Exceeding any limiting condition is prohibited without prior application for, and the subsequent granting of a permit modification pursuant to District Rule 501, General Permit Requirements, District Rule 507, Title V Permit to Operate, and, if necessary, a Prevention of Significant Deterioration (PSD) permit.

Origin: GLAD-02-01 Condition 12

Authority: Rule 501, General Permit Requirements § 400 [amended 11-03-94] and Rule 507 § 302.6 and § 302.7 [amended 04-17-01]

#### **3.J.3. Maintain Equipment In Good Working Condition Rule 501**

All equipment, facilities and systems installed or used to achieve compliance with the terms and conditions of this Permit to Operate shall be maintained in good working order and be operated as efficiently as possible so as to minimize air pollutant emissions.

Origin: GLAD-02-01 Condition 20

Authority: Rule 501, General Permit Requirements § 304.3 [amended 11-03-94]

#### **3.J.4. Toxics Hot Spots Compliance Rule 501**

a. Gladding McBean is responsible for compliance of the permitted facility with the provisions of the "Air Toxics Hot Spots Information and Assessment Act of 1987" (Health and Safety Code, Sections 44300 - 44384); pertaining to "Toxic Air Contaminants", and California Administrative Code, Title 22, Chapter 30, concerning hazardous and toxic waste and materials.

Origin: GLAD-02-01 Condition 23

Authority: Rule 501, General Permit Requirements § 303.1 and California Health and Safety Code Sections 44300 et seq.

##### **District Only**

b. The emission of air contaminants resulting in an increased cancer risk of one-in-one-million or greater; an excess cancer burden equal to, or greater than one; or an exposure to the general public of hazardous material concentrations in excess of one-one-hundredth of the threshold limit value (TLV) for occupational exposure, as determined using EPA or ARB approved dispersion modeling and health risk analysis methodology, is prohibited.

The company shall perform or cause to be performed, upon District request, such modeling and risk assessment analysis as may be required to determine the impact of facility emissions on the public health.

Origin: GLAD-02-01 Condition 24

Authority: Rule 501, General Permit Requirements § 303.1 and California Health and Safety Code Sections 44300 et seq.

##### **District Only**

### **3.J.5. Change of Ownership Rule 501**

a. In the event of a change of ownership, an application must be submitted to the District.

Origin: GLAD-02-01 Condition 16

Authority: Rule 501, General Permit Requirements § 303.1 [amended 11-03-94]

b. Upon any change in control or ownership of facilities constructed, operated, or modified under authority of this Title V Permit to Operate; the requirements contained in this Permit to Operate shall be binding on all subsequent owners and operators.

Origin: GLAD-02-01 Condition 16

Authority: Rule 501, General Permit Requirements § 303.1 [amended 11-03-94]

### **3.J.6. Permit Revision Rules 501 and 507**

Revisions to this Title V Permit to Operate may be requested pursuant to District Rule 501, General Permit Requirements, Section 400 and District Rule 507, Title V Permit to Operate, Sections 302.6 and 302.7.

Origin: Rule 501, General Permit Requirements § 400 [amended 11-03-94]; Rule 507 § 302.6 and § 302.7 [amended 04-17-01]

Authority: Rule 501, General Permit Requirements § 400 [amended 11-03-94]; Rule 507 § 302.6 and § 302.7 [amended 04-17-01]

### **3.J.7. Permit Posting Rule 501**

This permit shall be maintained on the premises of the subject equipment.

Origin: Rule 501, General Permit Requirements § 401 [amended 11-03-94]

Authority: Rule 501, General Permit Requirements § 401 [amended 11-03-94]

### **3.J.8. Permit Not Permission to Violate Laws Rule 501**

This permit does not authorize the emission of air contaminants in excess of those allowed by Division 26, Part 4, of the Health and Safety Code of the State of California or the Rules and Regulations of the Air Pollution Control District. The permit(s) cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies.

Origin: Rule 501, General Permit Requirements § 303.6 [amended 11-03-94]

Authority: Rule 501, General Permit Requirements § 303.6 [amended 11-03-94]

### **3.J.9. Equipment Must Operate as Specified Rule 501**

Operation of permitted equipment shall be limited to the maximum rates and schedules of operation, and the specified process materials of approved plans and specifications submitted to the District in application submittals unless otherwise prescribed in the conditions.

Origin: GLAD-02-01 Condition 22.

Authority: Rule 501, General Permit Requirements § 303.3 [amended 11-03-94]

### **3.J.10. Portable Equipment**

Any equipment, including portable equipment, shall comply with all applicable requirements while operating at the facility, including District Permit and Prohibitory Regulations, or be State-registered portable equipment. State-registered portable equipment shall comply with State registration requirements. A copy of the State registration shall be readily available whenever the State-registered portable equipment is at the facility.

Origin: Rule 501, General Permit Requirements and Health and Safety Code Section 41753

Authority: Rule 501, General Permit Requirements and Health and Safety Code Section 41753

### **3.K. New Source Review Rule 502**

**3.K.1.** In the event of any violation of the District Rules and Regulations, the company shall take action to end such violation. (Rule 502)

Origin: GLAD-02-01 Condition 9

Authority: Rule 502, New Source Review [amended 08-09-01]

**3.K.2.** Pursuant to District Rule 502, New Source Review, Section 227, the plant manager shall report to the District immediately any changes in production rates or operation schedules, changes in operation methods or fuel characteristics, the addition to or removal of permitted equipment, and changes of any facilities or systems installed or used to achieve compliance with the District Rules and Regulations in addition to the terms and condition of this Permit to Operate.

Origin: GLAD-02-01 Condition 17

Authority: Rule 502, New Source Review § 227 [amended 08-09-01]

**3.K.3.** The plant manager shall develop a maintenance program for equipment listed herein to preclude a violation of the California Health and Safety Code and District Rules and Regulations.

Origin: GLAD-02-01 Condition 14

Authority: Rule 502, New Source Review § 407.3 [amended 11-03-94]

### **3.L. Emission Statement Rule 503**

Gladding McBean shall provide the District with a written emission statement showing actual emissions of volatile organic compounds and oxides of nitrogen. Pursuant to District Rule 503, Gladding McBean shall submit this emission statement on a form or in a format specified by the Air Pollution Control Officer. The statement shall contain the following information:

1. Information contained in the California Air Resources Board's Emission Inventory Turn Around Document as described in Instructions for the Emission Data System Review and Update Report; and
2. Actual emissions of volatile organic compounds and oxides of nitrogen, in tons per year, for the calendar year prior to the preparation of the emission statement; and
3. Information regarding seasonal or diurnal peaks in the emission of affected pollutants; and
4. Certification by a responsible official of the company that the information contained in the emission statement is accurate to the best knowledge of the individual certifying the emission statement.

Origin: Rule 503, Emission Statement [amended 9-21-93]

Authority: Rule 503, Emission Statement [amended 9-21-93]

#### **District Only**

### **3.M. Federal Operating Permit Program Rule 507**

Prior to the transfers of ownership or operational control of a stationary source, the Air Pollution Control Officer must receive a written agreement which specifies a date for the transfer of permit responsibility, coverage, and liability from the current to the prospective owner.

Origin: Rule 507, Federal Operating Permit Program § 202.4 305 Transfer [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 202.4 Transfer [amended 04-17-01]

### **3.N. Miscellaneous Federal Requirements**

#### **3.N.1. Protection of Stratospheric Ozone**

Gladding McBean shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82.

Origin: 40 CFR Part 82, Protection of Stratospheric Ozone

Authority: 40 CFR Part 82, Protection of Stratospheric Ozone

#### **3.N.2. Chemical Accident Prevention Provisions**

If, as defined in 40 CFR Part 68.3, Gladding McBean becomes subject to 40 CFR Part 68, then Gladding McBean shall submit a risk management plan (RMP) by the date specified in 40 CFR Part 68.10. A certification of compliance with this condition shall be included as part of the annual certification required by this Title V permit to operate.

Origin: 40 CFR Part 68, Chemical Accident Prevention Provisions

Authority: 40 CFR Part 68, Chemical Accident Prevention Provisions

#### **3.N.3. National Emission Standards for Hazardous Air Pollutants, Asbestos**

For demolition and renovation projects involving material containing Asbestos, Gladding McBean shall comply with the requirements of 40 CFR 61, National Emission Standards for Hazardous Pollutants, Sections 60.145 through 61.147.

Origin: 40 CFR Part 61 Subpart M, National Emission Standards for Hazardous Air Pollutants

Authority: 40 CFR Part 61 Subpart M, National Emission Standards for Hazardous Air Pollutants

**3.N.4. National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing.**

The National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing shall apply if the facility potential to emit hazardous air pollutants (HAP) increases to 10 tons/year of any single HAP or if the total facility HAP emissions is greater than 25 tons/year.

Origin: 40 CFR Part 63 Subpart JJJJJ, National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing

Authority: 40 CFR Part 63 Subpart JJJJJ, National Emission Standards for Hazardous Air Pollutants for Brick and Structural Clay Products Manufacturing

#### **4. Standard Title V Terms and Conditions**

##### **4.A. Permit Life/Term**

This permit to operate shall expire five years from the time of issuance. Permit expiration terminates Gladding McBean's right to operate unless a timely renewal application is submitted.

Origin: Rule 507, Federal Operating Permit Program § 402.2.p [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.p [amended 04-17-01]

##### **4.B. Payment of Fees**

Gladding McBean shall pay all District fees including any supplemental annual fee, as calculated using the procedures specified in Section 403 of District Rule 507, on a timely basis. Failure to remit fees on a timely basis shall result in the forfeiture of this permit to operate. Operation without a permit subjects the source to potential enforcement action by the District and the U.S. EPA pursuant to § 502(a) of the Clean Air Act.

Origin: Rule 507, Federal Operating Permit Program § 402.2.o [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.o [amended 04-17-01]

##### **4.C. Right of Entry**

The Regional Administrator, the Executive Officer of the California Air Resources Board, the APCO, or their authorized representatives, upon the presentation of credentials, shall be permitted:

1. To enter upon the premises where the source is located or in which any records are required to be kept under the terms and conditions of this Permit to Operate; and
2. At reasonable times to have access to, inspect and copy any records required to be kept under the terms and conditions of this Permit to Operate; and
3. To inspect any equipment at the stationary source, operation, work practices, emission-related activities or method required in this Permit to Operate; and
4. To sample emissions from the source or other monitoring activities.

Origin: Rule 507, Federal Operating Permit Program § 402.2.j [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.j [amended 04-17-01]

##### **4.D. Severability**

The provisions of this Permit to Operate are severable, and, if any provision of this Permit to Operate is held invalid, the remainder of this Permit to Operate shall not be affected thereby.

Origin: Rule 507, Federal Operating Permit Program § 402.2.m [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.m [amended 04-17-01]

##### **4.E. Need to Halt or Reduce Activity Not a Defense**

Gladding McBean shall not use the "need to halt or reduce a permitted activity in order to maintain compliance" as a defense for non-compliance with any permit condition.

Origin: Rule 507, Federal Operating Permit Program § 402.2.k.4 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.k.4 [amended 04-17-01]

##### **4.F. Modification, Revocation, Reopening for Cause**

This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by Gladding McBean for a permit modification, revocation and re-issuance, or termination, or of a notification of planned changes or anticipated non-compliance does not stay any permit condition.

Origin: Rule 507, Federal Operating Permit Program § 401.7, 401.8, and 402.2 k.5 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 401.7, 401.8, and 402.2 k.5 [amended 04-17-01]

##### **4.G. Submit Information and Records**

Within a reasonable time period, Gladding McBean shall furnish any information requested by the air pollution control officer (APCO) of Placer County Air Pollution Control District, in writing, for the purpose of determining:

1. Compliance with the permit, or
2. Whether or not cause exists for a permit or enforcement action.

For information claimed to be confidential, Gladding McBean may furnish such information directly to the APCO along with a claim of confidentiality.

Origin: Rule 507, Federal Operating Permit Program § 402.2.k.6 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.k.6 [amended 04-17-01]

#### **4.H. Duty to Comply**

Gladding McBean shall comply with provisions of this permit. Any permit noncompliance constitutes grounds for enforcement action; for permit termination, revocation and re-issuance, or modification; or for denial for a permit renewal application.

Origin: Rule 507, Federal Operating Permit Program § 402.2 k.1 and 402.2.k.3 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2 k.1 and 402.2.k.3 [amended 04-17-01]

#### **4.I. Property Rights**

This permit does not convey property rights or exclusive privilege of any sort.

Origin: Rule 507, Federal Operating Permit Program § 402.2.k.2 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.k.2 [amended 04-17-01]

#### **4.J. Duty to Apply for Renewal**

Gladding McBean shall apply for renewal of this permit no earlier than 18 months before the date of expiration nor later than 6 months before the date of expiration.

Origin: Rule 507, Federal Operating Permit Program § 302.4 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 302.4 [amended 04-17-01]

#### **4.K. Emergency Provisions**

##### **4.K.1. Emergency Definition**

An "emergency" is any situation arising from a sudden and reasonably unforeseeable event beyond the control of a Gladding McBean (e.g., an act of God) which causes the exceedance of a technology-based emission limitation under a permit and requires immediate corrective action to restore compliance. An "emergency" shall not include noncompliance as a result of improperly designed equipment, lack of preventive maintenance, careless or improper operation, or operator error.

Origin: Rule 507, Federal Operating Permit Program § 212 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 212 [amended 04-17-01]

##### **4.K.2. Effect of an Emergency**

An emergency constitutes an affirmative defense to an action brought for noncompliance with technology-based emission limitations if the reporting requirements have been met.

Origin: 40 CFR § 70.6(g)(2)

Authority: 40 CFR § 70.6(g)(2)

##### **4.K.3. Affirmative Defense**

The affirmative defense of emergency shall be demonstrated through properly signed, contemporaneous operating logs, or other relevant evidence that:

a. Gladding McBean complied with the requirements of Rule 404, Upset conditions, Breakdown and Scheduled Maintenance, and the emergency provisions contained in all applicable federal requirements; and

b. That within two weeks of an emergency event, the responsible official submitted to the District a properly signed, contemporaneous log or other relevant evidence which demonstrates that:

i. An emergency occurred;

ii. Gladding McBean can identify the cause(s) of the emergency;

iii. The facility was being properly operated at the time of the emergency;

iv. All steps were taken to minimize the emissions resulting from the emergency; and

v. Within two working days of the emergency event, Gladding McBean provided the District with a description of the emergency and any mitigating or corrective actions taken.

Origin: District Rule 507, Federal Operating Permit Program § 402.2.I [amended 04-17-01]

Authority: District Rule 507, Federal Operating Permit Program § 402.2.I [amended 04-17-01]

##### **4.K.4. Burden of Proof**

In any enforcement proceeding, Gladding McBean has the burden of proof for establishing that an emergency occurred.

Origin: Rule 507, Federal Operating Permit Program § 402.2.I.3 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.I.3 [amended 04-17-01]

#### **4.L. Voluntary Emissions Caps**

To the extent applicable federal requirements provide for averaging emissions increases and decreases within a stationary source without case-by-case approval, a responsible official may request, subject to approval by the Air Pollution Control Officer, to permit one or more emissions unit(s) under a voluntary emissions cap. The permit for each emissions unit shall include federally-enforceable conditions requiring that:

1. All applicable federal requirements, including those authorizing emissions averaging, are complied with;
2. No individual emissions unit shall exceed any emissions limitation, standard, or other requirement;
3. Any emissions limitation, standard, or other requirement shall be enforced through continuous emission monitoring, where applicable; and
4. All affected emissions units under a voluntary emissions cap shall be considered to be operating in violation of the permit, if the voluntary emissions cap is exceeded.

Origin: Rule 507, Federal Operating Permit Program § 402.2.r [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.r [amended 04-17-01]

#### **4.M. Agency Addresses**

Notifications or correspondence as required by this Title V Permit To Operate shall be forwarded to the following addresses:

1. Director, Air and Toxics Division (Attn.: A-3-3)  
U.S. Environmental Protection Agency 75 Hawthorne Street  
San Francisco, CA 94105
2. Air Pollution Control Officer  
Placer County Air Pollution Control District  
3091 County Center Drive, Suite 240  
Auburn, CA 95664

Origin: General Information

Authority: General Information

#### **4.N. Reopening Permit for Cause**

This permit shall be reopened and revised under any of the following circumstances including, but are not limited to, the following:

- a. The need to correct a material mistake or inaccurate statement;
- b. The need to revise or revoke a permit to operate to assure compliance with applicable federal requirements;
- c. The need to incorporate any new, revised, or additional applicable federal requirements, if the remaining authorized life of the permit is 3 years or greater, no later than 18 months after the promulgation of such requirement (where less than 3 years remain in the authorized life of the permit, the Air Pollution Control Officer shall incorporate these requirements into the permit to operate upon renewal).

Origin: Rule 507, Federal Operating Permit Program § 401.8 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 401.8 [amended 04-17-01]

#### **4.O. Permit Revision Exemption**

No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes for changes that are provided for in this permit.

Origin: Rule 507, Federal Operating Permit Program § 402.2.u [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.u [amended 04-17-01]

#### **4.P. Permit Shield**

Compliance with the conditions of this permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:

1. Such applicable requirements are included and are specifically identified in this permit; or
2. In acting on this permit application or revision, the District determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.

Origin: 40 CFR § 70.6(f)

Authority: 40 CFR § 70.6(f)

## **5. Alternative Scenarios**

### **5.A. Upset Conditions**

The following alternative operating scenario is for equipment experiencing an unforeseen breakdown that may result in excess emissions for a sort period of time (i.e. less than 48 hours).

There may be periods when Gladding McBean facility will be operated pursuant to the requirements of the Rule 404 (Upset Conditions, Breakdown or Scheduled Maintenance) and/or the Emergency Provisions under 40 CFR 70.6(g). During these times, Gladding McBean will comply with all the relevant notification, monitoring, reporting and record keeping requirements contained in Rule 404 and 40 CFR 70.6(g).

Origin: Rule 507, Federal Operating Permit Program § 402.2.q [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.q [amended 04-17-01]



## **6. Monitoring, Testing, and Record Keeping**

### **6.A. General Monitoring Frequency, Record Keeping and Reporting and Testing Requirements**

All monitoring, analytical methods, compliance certification, test methods, equipment management, and statistical procedures shall be consistent with any applicable federal requirement, including those pursuant to Sections 114(a)(3) and 504(b) of the Federal Clean Air Act, and 40 CFR Part 64.

#### **6.A.1. Monitoring Frequency**

Monitoring (sampling, testing, recording) shall be performed at a frequency sufficient to yield accurate, reliable, and representative data with which the source's compliance with applicable limits or conditions can be demonstrated.

#### **6.A.2. Record Keeping**

##### **a. Gladding McBean shall:**

1. Maintain records of all required monitoring data and support information associated with any applicable federal requirement in form suitable for inspection including:
  - a. Date, place, and time of sampling;
  - b. Operating conditions at the time of sampling;
  - c. Date, place, and method of analysis; and
  - d. The company or entity that performed the analyses;
  - e. Results of the analysis;
  - f. Copies of all reports as required by applicable federal requirements; and
2. Comply with all record keeping requirements deemed necessary by the Air Pollution Control Officer to ensure compliance with all applicable federal requirements; and

**Note:** Support information includes information on Continuous Monitoring Equipment operations including:

1. All calibration and maintenance records; and
2. All original recordings for continuous monitoring instrumentation; and
3. Performance and all other information required by 40 CFR 60.

Origin: Rule 507, Federal Operating Permit Program § 402.2.g [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.g [amended 04-17-01]

##### **b. All records shall be made available to the District's inspector upon request.**

Origin: Rule 501, General Permit Requirements § 503.1 [amended 11/03/94]

Authority: Rule 501, General Permit Requirements § 503.1 [amended 11/03/94]

##### **c. All required monitoring data and support information shall be retained for a period of at least 5 years.**

Origin: Rule 507, Federal Operating Permit Program § 402.2.f.3 [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.f.3 [amended 04-17-01]

#### **6.A.3. Reporting**

Gladding McBean shall:

a. Promptly report to the Air Pollution Control Officer any deviation from permit requirements, including that attributable to upset conditions (as defined in District Rule 404 ). All reports of a deviation from permit requirements shall include the probable cause of the deviation and any preventative or corrective action taken.

b. Submit monitoring reports at least every six months identifying deviation from permit requirements, including those previously reported to the Air Pollution Control Officer in accordance with Subsection 6.A.3.a. Monitoring reports shall be submitted within 45 days of the end of the reporting period (Reporting periods are January 1 - June 30 and July 1 - December 31). Each monitoring report shall be accompanied by a written statement from the responsible official which certifies the truth, accuracy, and completeness of the report.

c. Submit compliance schedule progress reports on any compliance schedule at least semi-annually. Progress schedule reports shall include;

1. The date when compliance will be achieved,
2. An explanation of why compliance was not, or will not be, achieved by the scheduled date, and
3. A log of any preventative or corrective action taken.

Origin: Rule 507, Federal Operating Permit Program § 402.2.g [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.g [amended 04-17-01]

#### **6.A.4. Testing**

**a.** The District may require the conduct of any emissions testing or analysis deemed necessary to demonstrate compliance with applicable requirements. If the District determines that tests are required, a written notice will be provided to Gladding McBean.

Origin: Rule 501, General Permit Requirements § 303 [amended 11-03-94]

Authority: Rule 501, General Permit Requirements § 303 [amended 11-03-94]

**b.** Except as otherwise specified in District rules, regulations, or permit conditions the test methods used for determining compliance with emission limits shall be from:

1. Methods adopted by the California Air Resources Board and cited in Title 17, California Code of Regulations, Division 3, Subchapter 8, Compliance with Non-vehicular Emission Standards; or
2. Methods identified in 40 CFR part 50, Appendix M, Recommended Test Methods for State Implementation Plans; or
3. Methods identified in 40 CFR part 60, Appendix A, Test Methods; or
4. Any alternative method approved by the Air Pollution Control Officer.

**Note:** The Air Pollution Control Officer shall request the review of the alternate test methods by the U.S. Environmental Protection Agency and the California Air Resources Board.

Origin: Rule 501, General Permit Requirements § 501.1 [amended 11-03-94]

Authority: Rule 501, General Permit Requirements § 501.1 [amended 11-03-94]

**c.** All required testing shall be subject to the following:

1. At least thirty (30) days prior to the actual testing, a written test plan shall be submitted to the Air Pollution Control Officer detailing the sampling methods, analytical methods or detection principles to be used. The prior written approval of the Air Pollution Control Officer is required for the use of alternate test methods.
2. Independent testing contractors and analytical laboratories shall be Air Resources Board certified to perform the test or analysis conducted.
3. Testing shall be conducted as close as achievable to the maximum process rates or the permitted rates resulting in maximized air pollutant emission rates.
4. The conditions and equipment in operation during testing shall be recorded. Installed instrumentation readings for parameters affecting emission character or extent shall be recorded.
5. The test evaluation results shall be reported to the District within sixty (60) days of testing.

Origin: Rule 501, General Permit Requirements § 501.1 [amended 11-03-94]

Authority: Rule 501, General Permit Requirements § 501.1 [amended 11-03-94]

#### **6.B. Unit Specific Monitoring**

##### **6.B.1. Glaze Throughput**

Records shall be maintained on a quarterly basis showing the usage of glaze through the spray booth.

Origin: GLAD-03-01 Condition 3

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

##### **6.B.2. Dryers**

Compliance with the emission limits of the dryers shall be demonstrated through monitoring and limiting dryer throughput in tons-fired ware. Throughput exceedances shall be deemed violations of emission limits.

Origin: GLAD-03-02 Condition 8

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

### **6.B.3. Gas Dispensing**

The following performance test shall be successfully conducted, as applicable, in the presence of District staff on an annual basis. The test results shall be submitted to the District within 30 days following completion of the test by either mail or facsimile (FAX).

a. The Determination of Static Pressure Performance of Vapor Recovery Systems of Dispensing Facilities with Above-Ground Storage Tanks, CARB Source Test Procedure 201.3B (Also known as a Static Pressure Performance Test in accordance with the Bay Area Air Quality Management District, Manual of Procedure Source Test Procedure ST-38).

b. Failure to conduct the Annual Testing or submit the results on schedule can result in a monetary penalty.

Origin: VRS-91-07 Condition 8

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

c. Any re-inspection will be charged at the current District hourly rate for recovery of costs.

Origin: VRS-91-07 Condition 12

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

### **6.B. 4. Sampling Ports, Platforms, and Access**

If in the future, testing is required on the wet scrubber, Gladding McBean will install a temporary exhaust stack on the wet scrubber suitable for testing. Access to the wet scrubber and temporary exhaust stack shall be provided with test platforms or other means, and sampling ports shall be installed in accordance with 40 CFR 60.8(e), District Rule 514, Standards for Granting Applications and the District's Platform and Port Specification Sheet.

Origin: GLAD-91-01 Condition 1

Authority: 40 CFR § 60.8(e)

### **6.B.5. Kilns**

Compliance with the emission limits of the kilns shall be demonstrated through monitoring and limiting dryer throughput in tons-fired ware. Throughput exceedances shall be deemed violations of emission limits.

Origin: GLAD-02-02 Condition 8

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

### **6.C. Logs**

#### **6.C.1. Facility Wide Maintenance**

Gladding McBean shall establish and maintain a log book or other record detailing the performance and date of preventive maintenance, corrective maintenance, and inspections, as well as reporting breakdowns (per District Rule 404, Upset, Breakdown and Scheduled Maintenance).

Origin: GLAD-02-02 Condition 2

Authority: Rule 501, General Permit Requirements § 503.1.a [amended 11-03-94]

#### **6.C.2. Gas Dispensing Maintenance**

A Maintenance Log Book shall be kept on site detailing the maintenance required as per the applicable executive order(s).

Origin: VRS-91-07 Condition 6

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

#### **6.C.3. Large Pipe Grinder operating hours**

Records shall be maintained on a quarterly basis showing the hours of operation of the grinder.

Origin: GLAD-77-06 Condition 5

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

#### **6.C.4. Raw Material Operations crusher and mill throughput**

Records shall be maintained on a quarterly basis showing the throughput through the crushers and mills in tons.

Origin: GLAD-77-09 Condition 4

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

**6.C.5. Small Speed Seal Joint Application Material Data sheets**

The permittee shall maintain at the facility, the following records for each VOC containing material used in the speed seal application process:

- A. Data sheet, material list, or invoice giving material name, manufacturer identification, material
- B. Quantity of each VOC containing material used.

Origin: GLAD-84-01 Condition 1

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

**6.C.6. Large Speed Seal Joint Application Material Data sheets**

The permittee shall maintain at the facility, the following records for each VOC containing material used in the speed seal application process:

- A. Data sheet, material list, or invoice giving material name, manufacturer identification, material
- B. Quantity of each VOC containing material used.

Origin: GLAD-84-02 Condition 1

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

**6.C.7. Generator Operating Hours**

Information required for reporting to the District includes, but is not limited:

- A. The hours of operation the engine was run for maintenance and testing
- B. The hours of operation the engine was run during interruption of electrical power.
- C. The hour meter reading at the start of each calendar year.
- D. Fuel records including fuel type (CARB diesel), amount purchased, date purchased, and signature of fuel provider indicating fuel was delivered.

Origin: GLAD-02-01 Condition 4.A through 4.D

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94], Rule 507

**6.C.8. Main Factory Dryer Throughput**

Records shall be maintained on a quarterly basis showing the throughput through the dryers in tons-fired ware.

Origin: GLAD-03-02 Condition 3

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

**6.C.9. Gas Dispensing Throughput**

A record of the throughput (i.e. gasoline dispensed, in gallons) shall be made and kept on site for at least 5 years, pursuant to Rule 410, Record Keeping for Volatile Organic Compound Emissions and Rule 507, Title V operating permits.

This information shall be made available to the District upon request and at the time of annual permit renewal.

Origin: VRS-91-07 Condition 7

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

**6.C.10. Mendel Pottery Kiln**

Records shall be maintained on a quarterly basis showing the throughput through the kilns in tons-fired ware.

Origin: GLAD-02-02 Condition 3

Authority: Rule 501, General Permit Requirements § 304 [amended 11-03-94]

## **7. Compliance Plan and Certification**

### **7.A. Compliance Plan**

Gladding McBean shall follow the compliance plan as submitted with the Title V Permit application. A copy of this compliance plan shall be attached and posted along with this permit.

Origin: Rule 507, Federal Operating Permit Program § 402.2.h [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.h [amended 04-17-01]

### **7.B. Compliance Certification**

Gladding McBean shall submit compliance certification reports to the U.S. EPA and the APCO every twelve (12) months. The certification report shall:

1. Identify all permit terms or conditions and the means of monitoring each term or condition.
2. Include the compliance status and method(s) used to determine compliance for the current time period and over the entire reporting period of each term or condition.
3. Include any additional inspection, monitoring, or entry requirement that may be promulgated pursuant to Sections 114(a) and 504(b) of the Federal Clean Air Act between reports.
4. Be submitted on District approved forms for the compliance certification.
5. Be submitted within 45 days after the end of the reporting period of January 1-December 31.

The responsible official will certify in writing the truth, accuracy, and completeness of the certification report.

Origin: Rule 507, Federal Operating Permit Program § 402.2.n [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.n [amended 04-17-01]

### **7.C. Compliance Schedules**

1. Should any emissions unit in compliance with applicable federal requirements become non-compliant during the certification period, Gladding McBean shall develop and submit to the District a compliance schedule. The compliance schedule shall:

- a. Resemble and be at least as stringent as that contained in any judicial consent decree, administrative order, or schedule approved by the District hearing board.
- b. Include:
  - i. A statement that the emissions unit will continue to comply with those federal requirements with which it is still in compliance;
  - ii. A statement that the emissions unit will comply, on a timely basis, with any applicable federal requirement that may become effective during the remaining term of this permit.
  - iii. A list of all preventative or corrective actions or activities taken or proposed to be taken, and the dates when these activities have or will be performed and completed.

The compliance schedule, once approved by the District, shall be incorporated into the compliance certification plan and the revised plan affixed to this permit.

2. Gladding McBean shall submit progress reports consistent with the applicable compliance schedule at least semi-annually, or more frequently if specified in the applicable schedule requirements or requested by the District. Progress reports shall include:

- a. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and; and the date when compliance will be achieved;
- b. A log or record of dates when such activities, milestones or compliance were achieved; and
- c. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted or taken.

Origin: Rule 507, Federal Operating Permit Program § 402.2.i [amended 04-17-01]

Authority: Rule 507, Federal Operating Permit Program § 402.2.i [amended 04-17-01]